



[Go to Product page](#)

Datasheet for ABIN2780366
anti-FOXO3 antibody (N-Term)

6 Images

Overview

Quantity:	100 µL
Target:	FOXO3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Sheep, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FOXO3
Sequence:	MAEAPASPAP LSPLEVELDP EFEPQSRPRS CTWPLQRPEL QASPAKPSGE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against FOXO3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FOXO3
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Target Details

Alternative Name: FOXO3 ([FOXO3 Products](#))

Background: FOXO3A belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed.

Alias Symbols: AF6q21, DKFZp781A0677, FKHRL1, FKHRL1P2, FOXO2, FOXO3A, MGC12739, MGC31925

Protein Interaction Partner: SMAD3, YWHAB, ERBB2IP, SIRT1, YWHAE, CDK6, AKT1, IKBKB, CHUK, CDT1, UBC, SKP2, MAPK1, PCNA, MDM2, BTRC, CREBBP, ELAVL1, SMAD4, MAPK6, NR1H3, NR1H2, NLK, VDR, SMAD1, EP300, STK4, FANCD2, RAD17, MYC, H2AFX, BRCA1, ATM, SIRT3, ATG101, YWHAH, PGK1, GBAS, FKBP

Protein Size: 673

Molecular Weight: 71 kDa

Gene ID: 2309

NCBI Accession: [NM_001455](#), [NP_001446](#)

UniProt: [O43524](#)

Pathways: [Cell Division Cycle](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 673 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Handling

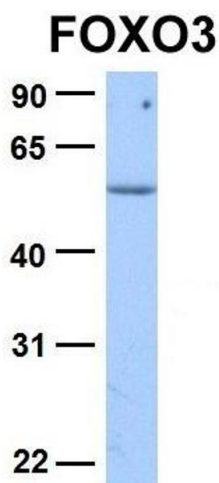
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



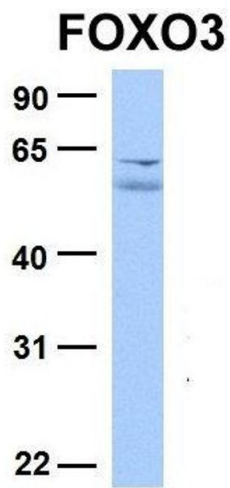
Western Blotting

Image 1. WB Suggested Anti-FOXO3 Antibody Titration: 0.2-1 ug/ml Positive Control: Transfected 293T



Western Blotting

Image 2. Host: Rabbit Target Name: FOXO3 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: FOXO3 Sample Type:
Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2780366.